



CONSTRUCTION EQUIPMENT

SPM579504 WASTE MGMT VOLVO L70H 622630 - TRANSMISSION (AUTO)



Sample No: VCP417627
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM579504 WASTE MGMT



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SAMPLE INFORMATION

Sample Number	VCP417627	VCP421508	VCP405122	VCP396686
Sample Date	07 Jul 2023	16 May 2023	03 Apr 2023	10 Feb 2023
Machine Hours	10741	10311	9826	9322
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	27.5	27.4	27.6	27.9
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CONTAMINATION

Silicon	ppm	5	5	5	5
Sodium	ppm	6	6	5	6
Potassium	ppm	<1	4	<1	2



WEAR METALS

Iron	ppm	29	25	21	20
Copper	ppm	3	4	3	4
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	3	3	<1	<1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	68	74	73	73
Magnesium	ppm	0	4	1	1
Zinc	ppm	6	5	3	4
Phosphorus	ppm	183	192	174	177
Barium	ppm	0	0	0	0
Boron	ppm	63	58	64	68

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10552373
Signed: Wes Davis
Report Date: 13 Jul 2023



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GRAPHS

